

third segment, and expanded into a spot in the middle of the eighth; there is also an indistinct brown stripe on each side of the abdomen. Legs testaceous, with blackish spines, and the tibiae shading into dark brown towards the extremity. Wings hyaline, with brown nervures, the cross-nervures towards the costa, and the costal and subcostal nervures between the nodus and the pterostigma, yellow. Base strongly tinged with yellow on the hind wings, but only slightly so on the fore wings. Pterostigma very long, yellow, between slender black nervures. Fore wings with 11 antenodal cross-nervures, the last not continuous, and 9-10 postnodal cross-nervures, the first two not continuous; the nodal sector very slightly waved, and the row of cells below only doubled for the last 2 or 3 before the hind margin. Sectors of the arculus distinctly stalked; triangle traversed, followed by three rows of cells increasing; three subtriangular cells; one cross-nervure in the lower basal cell; no supratrangular cells. Hind wings rather broad at base, with the base of the triangle on a level with the arculus.

Dobar, Goolis Mountains, Feb. 4, 1895.

There seems no reason to regard this insect as the female of either of the foregoing. It differs from typical *Orthetrum* in the last antenodal cross-nervure being discontinuous.

6. *HEMIANAX EPHIPPIGE*, Burm.

Bichen, Somali-land, Feb. 5, 1895.

A common species in the warmer parts of the Old World.

4. List of Lepidoptera collected in Somali-land by Mrs. E. Lort Phillips. By EMILY MARY SHARPE.

[Received April 21, 1896.]

Mrs. E. Lort Phillips accompanied her husband on his recent expedition to the Goolis Mountains in Somali-land, in the spring of 1895, and formed a collection of Butterflies which have furnished an interesting supplement to that made by Dr. Donaldson Smith during his recent travels in Somali-land. For a full account of the country traversed by Mr. Lort Phillips, I must refer my readers to the paper published by the last-named gentleman on the Birds obtained during the expedition (*cf.* 'Ibis,' 1896, pp. 62-87, pl. ii.).

Family DANAIDÆ.

1. *LIMNAS CHRYSIPPUS* (L.).

a. ♂. Gotten, April 6. b. ♀. Dobar, Goolis Mts., Feb. 4.

2. *LIMNAS DORIPPUS* (Klug).

a. ♀. Dobar, Feb. 4. b. ♂. Dara-as, March 5.

3. *LIMNAS KLUGII*, Butler.

a, *b*. ♂. Dobar, Feb. 4. *c*. Hammer, Feb. 13. *d*, *e*. ♂ ♀.
Gotten, April 7.

Family SATYRIDÆ.

4. *AMECERA MADERAKAL* (Guér.).

a. Hammer, Feb. 13.

5. *YPTHIMA DOLETA*, Kirby.

a. Bichen, Feb. 5. *b*. Gellokur, Feb. 9. *c*. Dara-as, March 8.
d. Darra-surree, March 13.

Family ACORÆIDÆ.

6. *ACORÆA CHILO*, Godman.

a. ♂. Gellokur, Feb. 9. *b*, *c*. ♂; *d*. ♀. Hammer, Feb. 13.
e, *f*. ♀. Gotten, April 6.

7. *ACORÆA BRÆSIA*, Godman.

a. Gotten, April 7.

8. *ACORÆA SGANZINI*, Boisd.

a. Gotten, April 6.

9. *PÆRDOPSIS PUNCTATISSIMA* (Boisd.).

a-e. Hammer, Feb. 13. *f*. Wardi, Feb. 25. *g*. Dara-as,
March 5. *h*. Woob, March. *i*. Gotten, April 6.

Family NYMPHALIDÆ.

10. *PYRAMEIS CARDUI* (L.).

a, *b*. Wataba, April 7.

11. *JUNONIA CLELIA* (Cram.).

a. Dobar, Feb. 4. *b*, *c*. ♂; *d*. ♀. Hammer, Feb. 10. *e*, *f*.
♂ ♀. Gotten, April 7.

12. *JUNONIA CREBRENE*, Trimen.

a, *b*. ♂ ♀. Biben-andola, Feb. 8. *c*, *d*. ♂ ♀. Dara-as, March 6.
e. ♂. Gotten, April 7.

13. *PRECIS SESAMUS*, Trimen.

a-d. Dara-as, March 5. *e*. Darra-surree, March 13.

14. *PRECIS AMESTRIS* (Drury).

a. Dara-as, March 5. *b*. Darra-surree, March 13.

15. *PRECIS CALESCENS* (Butler).

a, *b*. Wardi, Feb. 25. *c*. Dara-as, March 5.

16. *PRECIS TAVETA*, Rogenh.
a-c. Dara-as, March 5. *d.* Gotten, April 6.
17. *BYBLIA ILITHYA* (Drury).
a, b. Hammer, Feb. 13. *c.* Dara-as, March 5.
18. *BYBLIA CASTANEA* (Butler).
a. Dara-as, March 5.
19. *HYPOLIMNAS MISIPPUS* (L.).
a, b. ♂. Bihen, Feb. 5. *c.* ♀. Dara-as, March 5. *d.* ♀.
 Woob, March. *e, f.* ♂. Gotten, April 7.
20. *CHARAXES OASTOR* (Cram.).
a, b. Dara-as, March 5.

Family LYCENIDÆ.

21. *LYCÆNA MORIQUA* (Wallengr.).
a. ♂. Wardi, Feb. 25. *b, c, d.* ♂; *e.* ♀. Darra-surree, March 12.
22. *LYCÆNA BÆTICA* (L.).
a. Dara-as, March 5.
23. *LYCÆNA LINGEUS* (Cram.).
a, b. Wardi, Feb. 25.
24. *LYCÆNA GAIKA* (Trimen).
a. Gellokur, Feb. 9. *b, c.* Hammer, Feb. 13.
25. *LYCÆNA KNYSNA*, Trimen.
a, b. Gellokur, Feb. 9. *c.* Hammer, Feb. 13. *d.* Dara-as,
 March 5.
26. *LYCÆNA TROCHILUS* (Frey).
a. Bihen-andola, Feb. 7. *b.* Darra-surree, March 13.
27. *TARUCUS THEOPHRASTUS* (Fabr.).
a. ♂. Dobar, Feb. 4. *b.* ♀. Hammer, Feb. 13.
28. *LYCÆNESTHES*, sp.
a. Hammer, Feb. 13.
29. *LYCÆNESTHES*, sp.
a, b. Hammer, Feb. 13.
30. *LYCÆNESTHES AMARAH* (Guér.).
a. Dobar, Feb. 4. *b.* Dara-as, March 5.
31. *CASTALIUS LACTINATUS*, Butler.
a. Bihen-andola, Feb. 8. *b, c.* Dara-as, March 5.

32. *TATURA UMBROSA* (Butler).
a. Darra-surree, March 13.
33. *TATURA PHILIPPUS* (Fabr.).
a. Gotten, April 7.
34. *DEUDORYX LIVIA* (Klug).
a. Dobar, Feb. 4. *b.* Darra-surree, March 13.
35. *DEUDORYX ANTA* (Trimen).
a. Hammer, Feb. 13. *b.* Woob, March.
36. *SPINDACIS SOMALINA*, Butler.
a. Bihen-andola, Feb. 8. *b.* Hammer, Feb. 13.
37. *CALLIPSYCHE LARA* (L.).
a. Darra-surree, March 13.
38. *ARGIOLAUS SILAS* (Westw.).
a. Woob, March.
39. *ALENA JOHANNÆ*, E. M. Sharpe.
a, b, c. Woob, March. *d, e.* Dara-as, March 5. *f, g.* ♂ ♀.
 Darra-surree, March 13. *h.* Wataba, April 7.

Family PIERIDÆ.

40. *TERIAS ZOE* (Hopff).
a, b. Dara-as, March 5. *c, d.* ♂ ♀. Darra-surree, March 12.
41. *TERIAS BRIGITTA* (Cram.).
a. Dara-as, March 5.
42. *TERIAS CERES*, Butler.
a. Hammer, Feb. 13. *b.* Sahana-sahada, Feb. 17.
43. *MYLOTHRIS AGATHINA* (Cram.).
a-c. Dara-as, March 5. *d.* Darra-surree, March 13. *e.* Doolob, March. *f.* Gotten, April 6.
44. *PIERIS INFIDA*, Butler.
a. ♂. Hammer, Feb. 13. *b, c.* ♂ ♀. Dara-as, March 5.
45. *PIERIS GIDICA*, Godt.
a, b. ♂ ♀. Bihen-andola, Feb. 8. *c.* ♂. Darra-surree, March 14.
46. *HERPÆNIA MELANARGE*, Butler.
a, b, c. Bihen-andola, Feb. 8. *d, e.* Hammer, Feb. 15.
47. *IDMAIS CASTALIS*, Stand.
a. ♀. Dara-as, Feb. 5.

48. *TERACOLUS CALAIS* (Cram.).

a-g. Bihen-andola, Feb. 8.

49. *TERACOLUS CHRYSNOME* (Klug).

a. Dedjainio, March 29.

50. *TERACOLUS ARNE* (Klug).

a-c. ♂ ♀. Dobar, Feb. 4. *d-f.* ♂ ♀. Gellokur, Feb. 9.
g. ♀. Dara-as, March 5.

51. *TERACOLUS PROTOMEDIA* (Klug).

a. Bichen, Feb. 5.

52. *TERACOLUS HÆTERA* (Gerst.).

a. ♂. Dobar, Feb. 4. *b, c.* ♂ ♀. Dara-as, March 6. *d, e.* ♀.
Darra-surree, March 13.

53. *TERACOLUS LORTI*, sp. n.

Allied to *T. hetera*, Gerst., and *T. puniceus*, Butler.

This species is smaller than either of the allied forms, but the crimson apical patch is very much larger.

Fore wing. Costa, basal area greyish; the hind marginal border black suffused with grey; veins distinctly black. The crimson patch near the apex commences just above the discoidal cell, extending to the second median nervule.

Hind wing. Rather more grey at the base, the veins black, but having no black spots on the marginal border as in *T. hetera*.

Underside similar to *T. jobina*, Butler.

Expanse 2·3 inches.

The females are represented in the red and white varieties. They resemble the female of *T. puniceus*, but differ in having a row of three hastate marks on the apical portion of the fore wing. The black marginal border on the hind wing is not so heavily marked as in *T. puniceus*.

Underside similar to that of above-mentioned species, but somewhat redder. It is most likely a dry-season form.

Expanse 2·1 inches.

a. ♂. Dara-as, Goolis Mts., March 5, 1895.

b, c. ♀. Darra-surree, March 13, 1895.

54. *TERACOLUS MILES*, Butler.

a, b. ♂. Bihen-andola, Feb. 8. *c.* ♀. Hammer, Feb. 13.
d. ♂. Wardi, Feb. 25. *e.* ♀. Dedjainio, March 29.

55. *TERACOLUS EVENINA* (Wallengr.).

a-c. ♂. Gellokur, Feb. 9. *d.* ♀. Wardi, Feb. 25. *e.* ♀.
Gotten, April 6.

56. *TERACOLUS THEOGONE* (Boisd.).

a. Hammer, Feb. 13.

57. *TERACOLUS NOUNA* (Lucas).
a, b. ♂ ♀. Hammer, Feb. 13. *c, d.* ♂ ♀. Wardi, Feb. 25.
e, f, g. ♂; *h.* ♀. Dara-as, March 5.
58. *TERACOLUS IGNIFER*, Butler,
a, b. Dara-as, March 3.
59. *TERACOLUS PHILLIPSI*, Butler.
a-c. ♂; *d.* ♀. Gellokur, Feb. 9.
60. *TERACOLUS LEO*, Butler.
a. ♂. Bihen-andola, Feb. 8.
61. *COLIAS ELECTRA* (L.).
a, b. ♂; *c.* ♀. Dara-as, March 2.
62. *SYNCHLOE GLAUCONOME* (Klug).
a. Bihen, Feb. 5. *b.* Woob, March. *c, d.* Dedjainio, March 29.
63. *CATOPSILIA FLORELLA* (Fabr.).
a-c. Dobar, Feb. 4. *d.* Hammer, Feb. 13. *e, f.* Dara-as,
 March 5.
64. *NEPHERONIA CAPENSIS* (Hopff.).
a, b. Bihen-andola, Feb. 8.
65. *NEPHERONIA ARABICA* (Hopff.).
a. Dobar, Feb. 4. *b.* Hammer, Feb. 13.

Family P A P I L I O N I D Æ.

66. *PAPILIO DEMOLEUS*, L.
a. Darra-surree, March 14. *b.* Woob, March.
67. *PAPILIO PSEUDONIREUS*, Feld.
a. ♂. Dara-as, March 5. *b.* Dooloob, March 24. *c, d.* ♂ ♀.
 Gotten, April 7.
68. *PAPILIO ANTINORII*, Oberthür.
a, b. ♂; *c, d.* ♀. Dara-as, March 7.

Family H E S P E R I D Æ.

69. *SARANGESA FERTUSA* (Mabille).
a, b. Dara-as, March 5.
70. *GOMALLA ELMA* (Irvin).
a. Woob, March.
71. *PYRGUS VINDEK* (Cram.).
a. Hammer, Feb. 13. *b.* Wardi, Feb. 25. *c.* Darra-surree,
 March 13.

RHOPALOCERA HETEROCERA.

Family SPHINGIDÆ.

72. *LOPHOSTETHUS DEMOLINI*, Angas.*a.* Dobar, Feb. 4.73. *MACROGLOSSA TROCHILUS*, Hübn.*a.* Dara-as, March 5. *b.* Darra-surree, March 18.

Family NOCTUIDÆ.

74. *SPHINGOMORPHA CHLOREA* (Cram.).*a, b.* Dobar, Feb. 4.75. *GNAMPTONYX VILIS*.*a, b.* Dobar, Feb. 4.76. *CEROCALA*, sp.*a, b.* Dedjainio, March 29.77. *GRAMMODES STOLIDA* (Fabr.).*a.* Dobar, Feb. 4. *b.* Dedjainio, March 29.78. *POLYDESMATA UMBRICOLA*, Boisd.*a.* Dobar, Feb. 4.

Family AGARISTIDÆ.

79. *ÆGOCCERA TRICOLOR*, Druce.*a, b.* Gotten, April 6.80. *ÆGOCCERA RECTILINEA*, Boisd.*a.* Dedjainio, March 29.

Family LITHOSIIDÆ.

81. *DEIOPEIA PULCHELLA*, L.*a, b.* Bihen-andola, Feb. 8. *c, d.* Dara-as, March 5. *e.* Woob, March. *f, g, h.* Gotten, April 7.

Family GEOMETRIDÆ.

82. *STERRHANTHIA SACRARIA* (L.).*a.* Dara-as, March 5.

Family PYRALIDÆ.

83. *NOTARCHA*, sp.*a.* Gotten, April 6.

Family PSYCHIDÆ.

84. *MONDA DELICATISSIMA*, Walker.*a.* Dara-as, March 5.